



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/821,341	03/29/2001	Timothy L. Hoopman	53628USA5D.013	6583

32692 7590 12/23/2003

3M INNOVATIVE PROPERTIES COMPANY
PO BOX 33427
ST. PAUL, MN 55133-3427

EXAMINER

DEXTER, CLARK F

ART UNIT PAPER NUMBER

3724

DATE MAILED: 12/23/2003

17

Please find below and/or attached an Office communication concerning this application or proceeding.

Interview Summary

Application No.

09/821,341

Applicant(s)

Hoopman

Examiner

Clark F. Dexter

Art Unit

3724

All participants (applicant, applicant's representative, PTO personnel):

(1) Mr. Rick Franzen

(3) _____

(2) Mr. Clark Dexter

(4) _____

Date of Interview Dec 19, 2003Type: a) ☒ Telephonic b) ☐ Video Conferencec) ☐ Personal [copy is given to 1) ☐ applicant 2) ☐ applicant's representative]Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No. If yes, brief description:Claim(s) discussed: 1

Identification of prior art discussed:

Andrews, pn 156,748Agreement with respect to the claims f) ☐ was reached. g) ☒ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments:

Applicant's position is that the prior art devices are not knurling wheels, including the blade of Andrews or the cited gears. The Examiner raised the question at what point does something become a knurling wheel. The Examiner's position is that it is not clear as to what structure would be assigned to the recitation of "a knurling wheel" to differentiate it from the other devices. Rather, the Examiner's position is that knurling appears to be a functional recitation of an intended use of the wheel/disk structure.

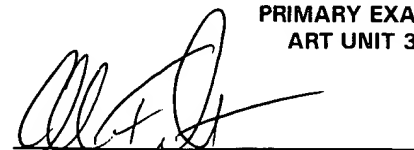
(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

i) ☐ It is not necessary for applicant to provide a separate record of the substance of the interview (if box is checked).

Unless the paragraph above has been checked, THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached

CLARK F. DEXTER
PRIMARY EXAMINER
ART UNIT 3724

Examiner Note: You must sign this form unless it is
an Attachment to a signed Office action.


Examiner's signature, if required